

SECTION 16250
SAFETY SWITCHES

PART 1 - GENERAL

- 1.1 Provide safety switches wherever shown and whenever required whether specifically shown or not.

PART 2 - PRODUCTS

2.1 SWITCHES

- A. Safety switches shall be rated at 600 or 240 volts as required for voltage of system with number of poles and current rating as indicated. Switches shall be fused or non-fused type as indicated, NEMA type GD or HD as required, with full cover interlocks and quick-make, quick-break mechanism.
- B. All fused switches shall be provided complete with fuses and shall have horsepower ratings when serving motor loads.

2.2 FUSES

- A. Fuses rated over 600 amperes shall be U.L. Class "L" fuses, and shall have a minimum time delay of 10 seconds at 500% rating. They shall be Littelfuse Type KLP-C time delay fuses or approved equal. All fuses 600 amperes and below shall be true dual-element time delay fuses with separate spring-loaded thermal overload elements in all ampere ratings. All ampere ratings shall be designed to open at 400 degrees Fahrenheit or less when subjected to a non-load oven test. RK-1 fuses shall be Littelfuse fuses, type LLN-RK or LLS-RK. RK-5 fuses shall be Littelfuse "Slo-Blo" fuses, type FLN-R or FLS-R. Fuses shall be sized as indicated on the drawings or as required by the equipment provided, whichever provides maximum protection.

PART 3 - EXECUTION

- 3.1 Switches shall be securely mounted to wall, structure or equipment. Provide miscellaneous accessories for mounting switches, including steel angles or channels where required.
- 3.2 Spare fuses. At the completion of the project the contractor shall deliver to the Owner (and obtain receipt for) spare fuses of each size and type equal to 20 percent of the number installed but not less than 3 or more than 9 of any size and type.

END OF SAFETY SWITCHES